

Title (en)

Methods for preparing antibacterial/antifungal compositions of wood with inorganic matter, and products thereof

Title (de)

Verfahren zur Herstellung antibakterieller/antifungaler Holzkomposite mit anorgansichem Material und Produkten

Title (fr)

Méthode pour la préparation des composites antibactériens et antifongiques de bois avec de la matière inorganique et produits ainsi fabriqués

Publication

**EP 0882555 A3 20010822 (EN)**

Application

**EP 98304435 A 19980604**

Priority

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Abstract (en)

[origin: EP0882555A2] An antibacterial/antifungal inorganic matter is composited with wood by impregnating wood with a solution containing a silicon alkoxide and an antibacterial/-antifungal organic silicon compound having a hydrolyzable alkoxysilyl group, and subjecting the silicon compounds within the cell walls (inter- and intracellular) spaces to hydrolysis at various temperatures and polycondensation. The same is prepared by treating wood with a siloxane oligomer and curing the oligomer. The antibacterial/antifungal component is prevented from being leached out.

IPC 1-7

**B27K 3/36**; **B27K 3/15**

IPC 8 full level

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Citation (search report)

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